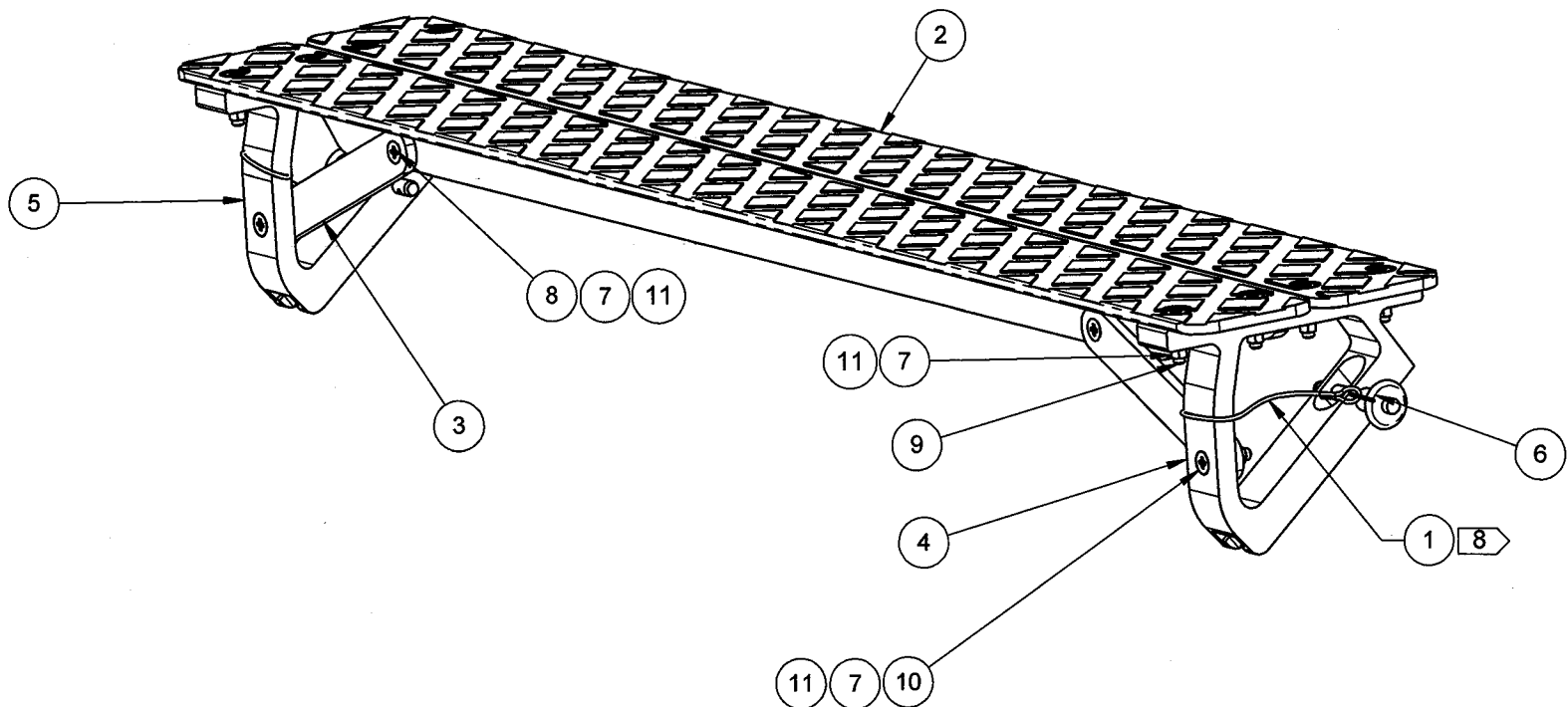
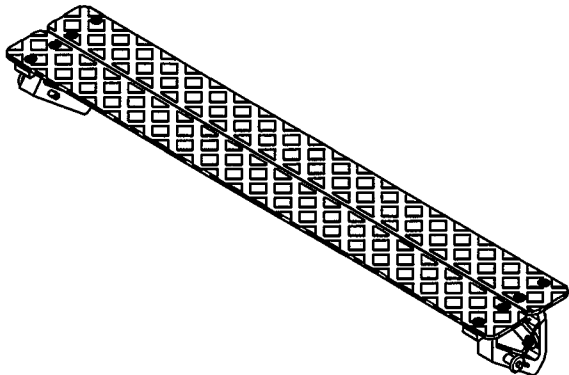


ITEM	QTY -041	P/N	DESCRIPTION
	X	D5238-041	MAINTENANCE STEP ASSEMBLY
1	2	D2690-6	LANYARD ASSEMBLY
2	2	D4092-1	MAINTENANCE STEP
3	2	D4093-5	BRACKET
4	1	D5237-5	BRACKET
5	1	D5237-7	BRACKET
6	2	MS17984-C410	QUICK RELEASE PIN
7	12	MS21042L3	NUT, SELF-LOCKING
8	2	MS24694-S54	SCREW, CSK 100°
9	8	MS24694-S55	SCREW, CSK 100°
10	2	MS24694-S56	SCREW, CSK 100°
11	12	NAS1149D0332J	WASHER



D5238-041 MAINTENANCE STEP ASSEMBLY

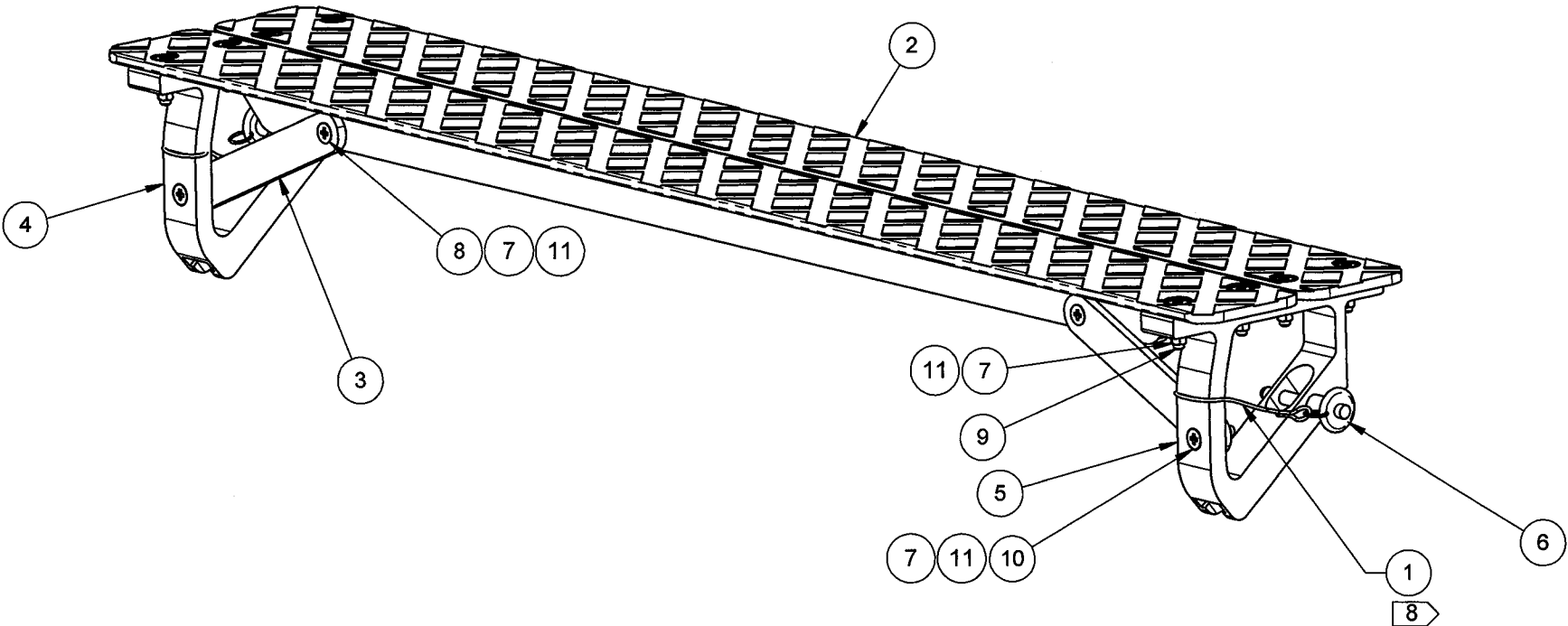
RELEASED

2021 JUL 23  
H3 ECR 21-171

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: PER QSI 044 6.1
  - 7) WEIGHT: 6.00 lbs
  - 8) ASSEMBLE D2690-6 LANYARD ABOVE D4093-5 BRACKET

D	UPDATE NOTE 8 TORQUE SPEC AND UPDATE HELI-COIL P/N FOR -043/-045. REASON ECR 171	SAD	21.04.20
C	ADD ASSEMBLED VIEW FOR D5238-043/-045, ADD NOTE 10 FOR D5238-043/-045. REF CAR19-289	PM	19.01.17
B	REVISE LANYARD LOCATION, ZN B2-1, B2-2, A8-1, A8-2	VS	15.10.16
A	NEW ISSUE	VS	15.04.06
REV.	DESCRIPTION	BY	DATE
DESIGN	VS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	DRAWING NO.	REV. D
MFG. APPR.	DD	D5238	SHEET 1 OF 6
APPROVED	CP	TITLE	SCALE
DE APPR.	DS	MAINTENANCE STEP ASS'Y	NTS
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ITEM	QTY -042	P/N	DESCRIPTION
	X	D5238-042	MAINTENANCE STEP ASSEMBLY
1	2	D2690-6	LANYARD ASSEMBLY
2	2	D4092-1	MAINTENANCE STEP
3	2	D4093-5	BRACKET
4	1	D5237-5	BRACKET
5	1	D5237-7	BRACKET
6	2	MS17984-C410	QUICK RELEASE PIN
7	12	MS21042L3	NUT, SELF-LOCKING
8	2	MS24694-S54	SCREW, CSK 100°
9	8	MS24694-S55	SCREW, CSK 100°
10	2	MS24694-S56	SCREW, CSK 100°
11	12	NAS1149D0332J	WASHER



D5238-042 MAINTENANCE STEP ASSY

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: PER QSI 044 6.1
  - 7) WEIGHT: 5.93 lbs
  - 8) ASSEMBLE D2690-6 LANYARD ABOVE D4093-5 BRACKET

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2021 JUL 23

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DESIGN	VS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	DRAWING NO. D5238	REV. D
MFG. APPR.	DD		SHEET 2 OF 6
APPROVED	CP	TITLE	SCALE
DE APPR.	DS	MAINTENANCE STEP ASS'Y	NTS
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8 7 6 5 4 3 2 1

D

D

C

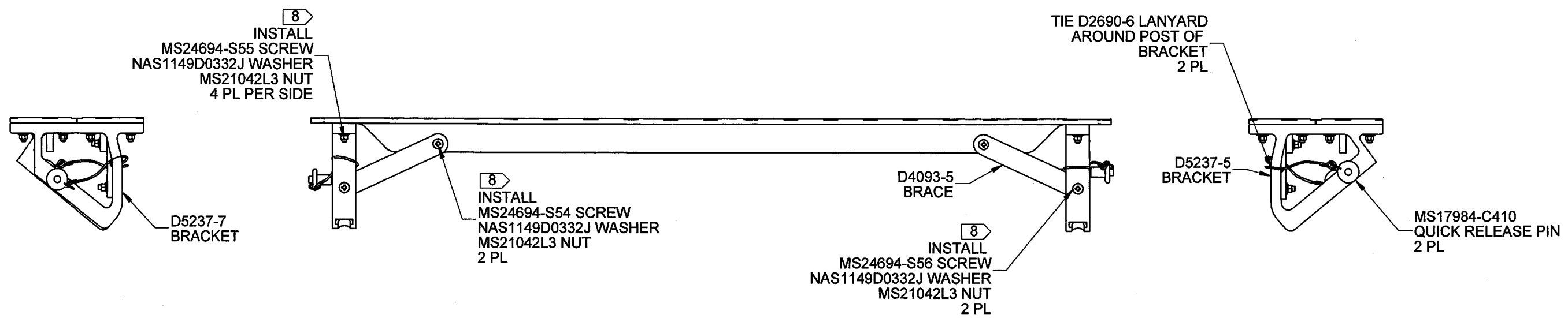
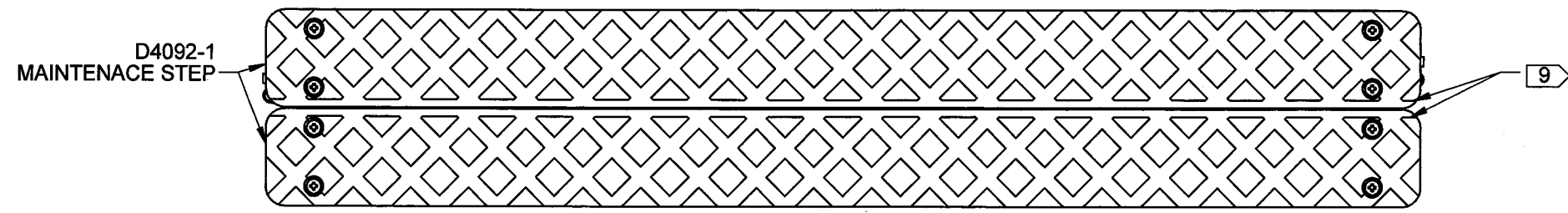
C

B

B

A

A



**D5238-041 MAINTENANCE STEP ASSEMBLY**

- NOTES:**  
1) MATERIAL: N/A  
2) FINISH: N/A  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: PER QSI 044 6.1  
7) WEIGHT: 6.00 lbs  
8) TORQUE SCREWS UP TO 15-25 in-lb (1.7-2.8 N-m)  
9) GRIP CUTOUT TOWARD CENTER

**RELEASED**  
2021 JUL 23 *qf*

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DESIGN	VS	<b>DART AEROSPACE LTD</b>	
DRAWN	SAD	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. D
MFG. APPR.	DD	<b>D5238</b>	SHEET 3 OF 6
APPROVED	CP	TITLE	SCALE
DE APPR.	DS	<b>MAINTENANCE STEP ASS'Y</b>	NTS
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8 7 6 5 4 3 2 1

D4092-1  
MAINTENANCE STEP

9

8  
INSTALL  
MS24694-S55 SCREW  
NAS1149D0332J WASHER  
MS21042L3 NUT  
4 PL PER SIDE

D5237-5  
BRACKET

D4093-5  
BRACE

8  
INSTALL  
MS24694-S54 SCREW  
NAS1149D0332J WASHER  
MS21042L3 NUT  
2 PL

TIE D2690-6 LANYARD  
AROUND POST OF  
BRACKET  
2 PL

D5237-7  
BRACKET

MS17984-C410  
QUICK RELEASE PIN  
2 PL

8  
INSTALL  
MS24694-S56 SCREW  
NAS1149D0332J WASHER  
MS21042L3 NUT  
2 PL

**D5238-042 MAINTENANCE STEP ASSY**

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER QSI 044 6.1
- 7) WEIGHT: 5.93 lbs
- 8) TORQUE SCREWS UP TO 15-25 in-lb (1.7-2.8 N-m)
- 9) GRIP CUTOUT TOWARD CENTER

**RELEASED**

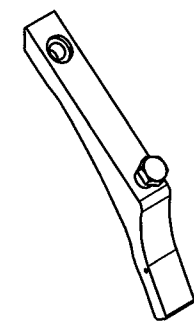
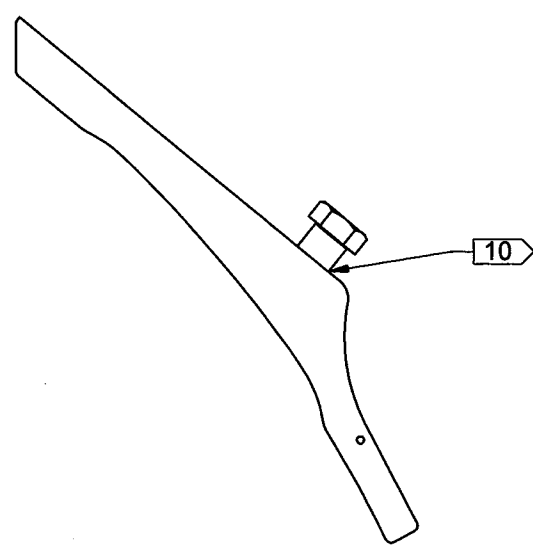
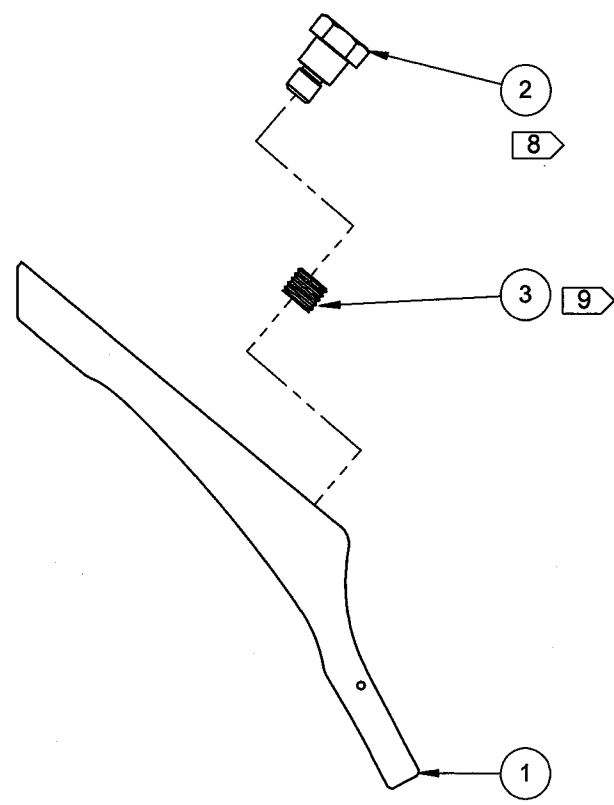
2021 JUL 23

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DESIGN	VS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	DRAWING NO.	REV. D
MFG. APPR.	DD	<b>D5238</b>	SHEET 4 OF 6
APPROVED	CP	TITLE	SCALE
DE APPR.	DS	<b>MAINTENANCE STEP ASS'Y</b>	NTS
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ITEM	QTY	P/N	DESCRIPTION
	043		
	X	D5238-043	LOWER BRACKET, AFT
1	1	D5237-1	BRACKET
2	1	D5245-5	MOUNTING BOLT
3	1	MS21209F5-10	HELI-COIL, LOCKING

D



**D5238-043 LOWER BRACKET, AFT**

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: PER QSI 044 6.1
  - 7) WEIGHT: 0.41 lbs
  - 8) TORQUE TO 60-85 in-lb (6.8-9.6 N-m)
  - 9) INSTALL FLUSH WITH SURFACE, MAX 0.030" DEEP
  - 10) BOLT SHOULDER IS FLUSH WITH SURFACE OF BRACKET

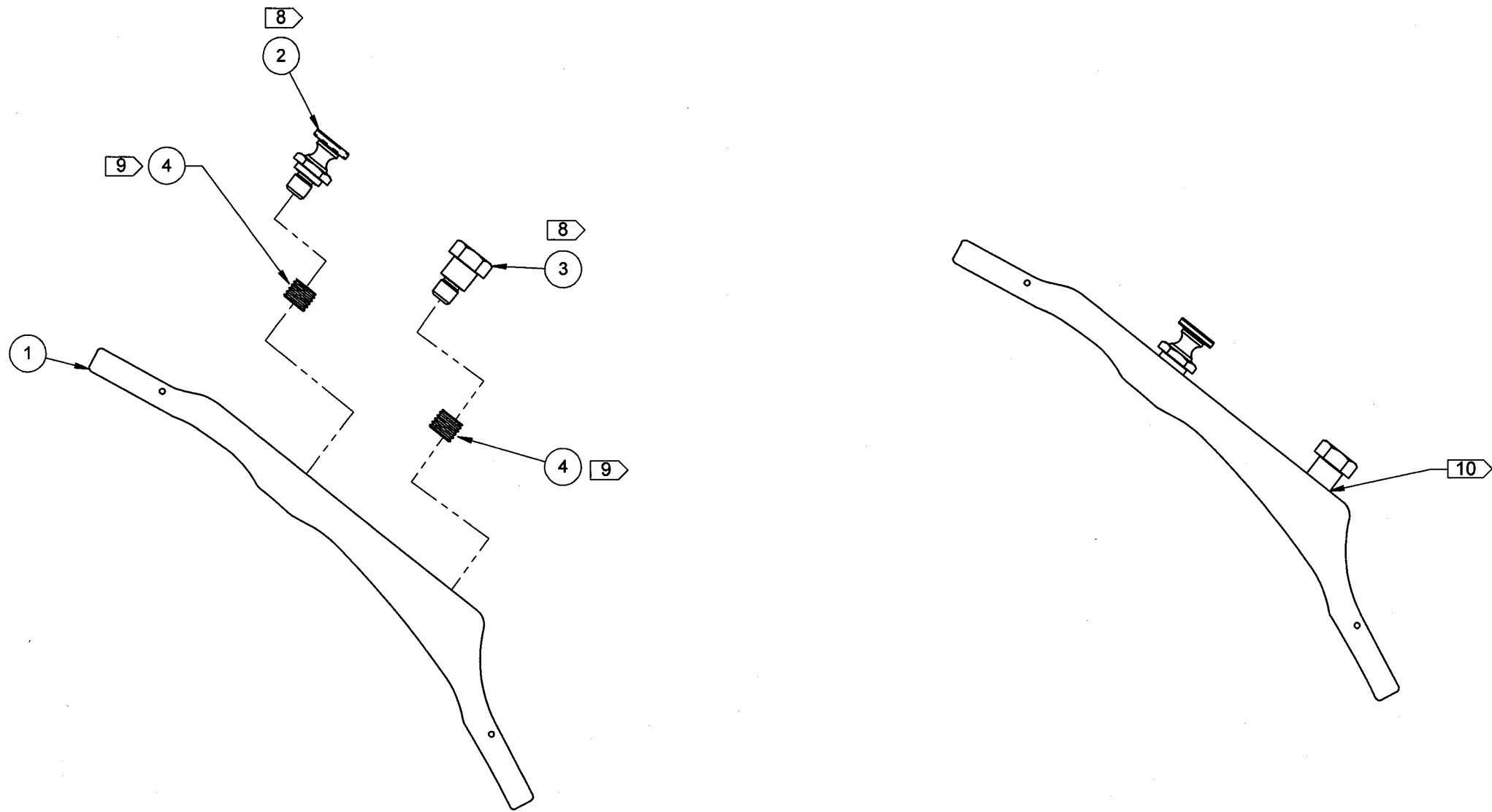
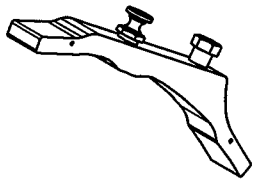
D

**RELEASED**  
2021 JUL 23 *qf*

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DESIGN	VS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	DRAWING NO.	REV. D
MFG. APPR.	DD	<b>D5238</b>	SHEET 5 OF 6
APPROVED	CP	TITLE	SCALE
DE APPR.	DS	<b>MAINTENANCE STEP ASS'Y</b>	NTS
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ITEM	QTY	P/N	DESCRIPTION
	-045		
	X	D5238-045	LOWER BRACKET. FWD
1	1	D5237-3	BRACKET
2	1	D5245-3	MOUNTING BOLT
3	1	D5245-5	MOUNTING BOLT
4	2	MS21209F5-10	HELI-COIL, LOCKING



**D5238-045 LOWER BRACKET, FWD**

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: PER QSI 044 6.1
  - 7) WEIGHT: 0.50 lbs
  - 8) TORQUE TO 60-85 in-lb (6.8-9.6 N-m)
  - 9) INSTALL FLUSH WITH SURFACE, MAX 0.030" DEEP
  - 10) BOLT SHOULDER IS FLUSH WITH SURFACE OF BRACKET

**RELEASED**

2021 JUL 23

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DESIGN	VS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	SAD		
CHECKED	RF	DRAWING NO.	REV. D
MFG. APPR.	DD	<b>D5238</b>	SHEET 6 OF 6
APPROVED	CP	TITLE	SCALE
DE APPR.	DS	<b>MAINTENANCE STEP ASS'Y</b>	NTS
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